

IN THE CLAIMS:

Please amend Claims 1-8 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1. (Currently Amended.) A barking device for use in a log barking machine comprising a barking arm (1) and a barking tool (2) which has at least one barking edge (11, 11'), said barking arm having an outer end including ~~and which is mountable in a tool seat (7) at an outer end of the barking arm, the barking arm being at an inner end pivotally connectible to an annular rotor which is adapted to carry a plurality of such barking arms to effect debarking of a log (3) by rotation of the rotor during simultaneous longitudinal feeding of the log through the centre of the rotor and forced application of the barking edges of the barking tool against the circumferential surface of the log, the~~ said barking tool having comprising a convex mounting surface (13) which is curved in the form of a circular arc about a first axis of curvature (14) and is adapted to abut against said tool ~~a correspondingly concave seat surface (7), in the tool seat at the outer end of the barking arm, said tool seat having a~~ which concave seat surface ~~is in turn~~ curved in the form of a circular arc about a second axis of curvature (8) which is oriented essentially parallel to the intended direction of feeding of the logs, said the barking tool being, with the aid of a connecting means, mountable in the tool seat and displaceable by rotating displacement about the second axis of curvature between two or more mounting positions, and means for connecting said barking tool to said tool seat including ~~the device also comprising means preventing displacement and rotation in order to ensure distinct and safe retaining of the barking tool on the barking arm in the different mounting positions, characterised in that the connecting means comprises two connecting means parts, viz: a first connecting means part comprising in the form of a screw (18) with an externally threaded shank (19) and a head (20) whose diameter is greater than the shank, and a second connecting means part comprising in~~

~~the form of a sleeve-like nut (21) having with~~ an internally threaded shank (22), into which the shank of the screw is screwable; and a head (23) whose diameter is greater than the shank, and ~~that the barking device further comprises~~ a through hole (9) in the barking arm (1) or the barking tool (2) and an elongate through groove (16) in the other of these parts, said which groove extending extends essentially perpendicular to the intended direction of feeding of the logs and having has a greatest width which is insignificantly greater than the diameter of the shank of one of the connecting means parts; and said groove having which has a countersink (17) for the head of one of the connecting means parts ~~in an outer surface of this part~~ along lateral edges of the groove, one of the connecting means parts being adapted to be inserted from the groove with its shank extending through the groove and with its head located placed in the countersink, said the head having a shape and size which non-rotatably and essentially without play fits in at least one of the countersink or groove being designed to prevent displacement and rotation, said first and second connecting means parts being screwed together by having a shape and size which non-rotatably and essentially without play fits in the countersink and/or the groove, and a screw-engaging means being provided in the head of the other of the connecting means parts for screwing the connecting means parts together; in such a manner that, when with the connecting means parts are released from each other, the barking tool is rotatably displaceable with its concave mounting surface (13) along the seat surface (7) to different selectable mounting positions with different contact angles for a front barking-edge-forming edge portion (6, 6') of the barking tool, and, with the connecting means parts tightened relative to each other, the barking tool is connectible in a manner preventing displacement and rotation in a selectable position by the connecting means part with the head designed to prevent displacement and rotation being either reversible by being eccentrically formed with a distance between a centre line of the shank and a centre line of the head, or exchangeable for one with a different distance between a centre line of the shank and a

centre line of the head, and also exchangeable for one with a concentrically placed shank relative to the head.

2. (Currently Amended) A barking device as claimed in claim 1, ~~wherein characterised in that~~ the length of the shank (22) of the nut (21, 21') is adapted so that, when the nut is in the connecting position inserted from the barking tool (2) or the barking arm (1), the shank of the nut extends also at least a distance into the other of said barking arm or barking tool parts part.

3. (Currently Amended) A barking device as claimed in claim 1 wherein ~~characterised in that~~ the barking tool (2) has a convex mounting surface (13) which is keel-shaped, having i.e. ~~has~~ at least two surfaces curved in the form of circular arcs at an angle to each other, which, in the area of the centre of the barking tool, form a ridge or crest directed essentially perpendicular to the intended direction of feeding of the logs.

4. (Currently Amended) A barking device as claimed in claim 3, wherein ~~characterised in that~~ the barking arm (1) has a concave seat surface (7), which is groove-shaped and i.e. ~~has~~ at least two surfaces curved in the form of circular arcs at an angle to each other, which, in the area of the centre of the seat surface, form a groove directed essentially perpendicular to the intended direction of feeding of the logs.

5. (Currently Amended) A barking device as claimed in claim 1, wherein ~~characterised in that~~ the barking tool (2) has a ridge (15) extending essentially perpendicular to the intended direction of feeding of the logs and positioned along at least one lateral edge, said ridge extending, in the state of the barking tool mounted on

the barking arm, a distance beyond the outside of the outer lateral surface of the barking arm and thereby protecting the barking arm from wear.

6. (Currently Amended) A barking tool for use in a barking device during longitudinal feeding of logs through the device having at least one barking edge (11, 11'), which is mountable in a tool seat at an outer end of a barking arm (1), ~~the barking arm being at an inner end pivotally connectible to an annular rotor which is adapted to carry a plurality of such barking arms to effect debarking of a log (3) by rotation of the rotor during simultaneous longitudinal feeding of the log through the centre of the rotor and forced application of the barking edges of the barking tool against the circumferential surface of the log, the~~ said barking tool having comprising a convex mounting surface (13) which is curved in the form of a circular arc about a first axis of curvature (14) and adapted to abut against a correspondingly concave seat surface (7); in the tool seat at the outer end of the barking arm, which concave seat surface is in turn curved in the form of a circular arc about a second axis of curvature (8), the barking tool being, with the aid of a connecting means comprising two connecting means parts (18, 21) which are screwable to each other and have heads (20, 23), mountable in the tool seat and displaceable by rotating displacement about the second axis of curvature between two or more different mounting positions, and said barking tool having characterised ~~in that it comprises~~ an elongate through groove (16) for the shank (19, 22) of one of the connecting means parts, said groove extending essentially perpendicular to the intended direction of feeding of the logs and having a countersink (17) along the groove for receiving the head (20, 23) of one of the connecting means parts.

7. (Currently Amended) A barking tool as claimed in claim 6, wherein ~~the characterised in that its~~ convex mounting surface (13) of the barking tool is keel-

shaped, having ~~i.e. has~~ at least two surfaces curved in the form of circular arcs at an angle to each other, which in the area of the centre of the barking tool form a ridge or crest directed essentially perpendicular to the intended direction of feeding of the logs.

8. (Currently Amended) A barking tool as claimed in any one of claims 6 and 7 wherein the preceding claims, characterised in that it the barking tool has a ridge (15) extending essentially perpendicular to the intended direction of feeding of the logs and is positioned along at least one lateral edge, said ridge extending, in the state of the barking tool (2) mounted on the barking arm (1), a distance beyond the outside of the outer lateral surface of the barking arm and thereby protecting the barking arm from wear.